

WHAT IS CLAIMED IS:

1. An image display device comprising:

a pixel having a light emitting device which is driven to emit light on the basis of a display signal current;

5 a display unit constructed by a plurality of said pixels;

a signal line for passing said display signal current to said pixels;

10 write pixel selecting means for selecting a pixel to which said display signal current is to be passed via said signal line from said plurality of pixels; and

display signal current generating means for generating said display signal current,

wherein said write pixel selecting means has a function of selecting N pixels simultaneously.

15

2. The image display device according to claim 1,

wherein the number N of pixels to be selected simultaneously by said write pixel selecting means is equal to or larger than 2 or equal to or smaller than the half of the pixels connected to said signal line.

5 3. The image display device according to claim 1,

wherein said write pixel selecting means passes said display signal current N times to each of the pixels in one frame period, and each of said selected pixels illuminates on the basis of a current value of said display signal current of the last time of the N times.

4. The image display device according to claim 3,
wherein lighting of said pixels starts after completion of
passage of said display signal current of N times per frame.

5. The image display device according to claim 4,
wherein a timing to start and stop said lighting is the same
for all of the pixels.

6. The image display device according to claim 1,
wherein said light emitting device is an organic light
emitting diode provided in said pixel.

7. The image display device according to claim 1,
wherein a drive circuit for driving said light emitting
device is constructed by a polycrystalline Si-TFT.

8. The image display device according to claim 7,
wherein polycrystalline silicon as the material of said
polycrystalline Si-TFT is polycrystallized by being
scanned with a laser beam having a major axis direction in
a pulse form, and

the major axis direction of said laser beam is almost
parallel with an extending direction of said signal line.

9. The image display device according to claim 6,
wherein said pixel further includes:

first switching means provided between one end of

said organic light emitting diode and a first node;

5 second switching means provided between said first node and said signal line;

a drive TFT of said organic light emitting diode provided between said first node and a power source line;

10 third switching means provided between a gate and a drain of said drive TFT; and

capacitance means provided between the gate and a source of said drive TFT.

10. The image display device according to claim 9, wherein one end of said organic light emitting diode is an anode electrode and

a conduction type of said drive TFT is an n channel.

5

11. The image display device according to claim 9, wherein said first to third switch means is TFTs whose gate electrodes are commonly connected to each other, and

5 the conduction type of the TFT of said first switching means and that of the TFTs of said second and third switching means are opposite to each other.

12. An image display device comprising:

a pixel having a light emitting device which is driven to emit light on the basis of a display signal current;

5 a display unit constructed by a plurality of said pixels;

a signal line for passing the display signal current

to said pixels;

10 write pixel selecting means for selecting a pixel to which said display signal current is to be passed via said signal line from said plurality of pixels; and

display signal current generating means for generating said display signal current,

wherein said light emitting device is an organic light emitting diode provided in said pixel, and

15 said pixel further includes:

first switching means provided between an anode electrode of said organic light emitting diode and a first node;

20 second switching means provided between said first node and said signal line;

a drive TFT of an n-type channel of said organic light emitting diode provided between said first node and a power source line;

25 third switching means provided between a gate and a drain of said drive TFT; and

capacitance means provided between the gate and a source of said drive TFT.

13. An image display device comprising:

a pixel having a light emitting device which is driven to emit light on the basis of a display signal current;

5 a display unit constructed by a plurality of said pixels;

a signal line for passing said display signal current

to said pixels;

10 write pixel selecting means for selecting a pixel to which said display signal current is to be passed via said signal line from said plurality of pixels;

storing means for storing data fetched from the outside; and

15 display signal current generating means for generating said display signal current by performing an image data process on the basis of said stored data,

wherein said write pixel selecting means further includes a function of simultaneously selecting N pixels.